The following is an index of articles, business news and financials which appeared in The Manufacturing Confectioner during 1995.

# 

**AERATED CONFECTIONS** 

## **AFRICA**

Ghana expanding cocoa product production . . May, pg. 9 Ivory Coast cocoa processing . . . . . . . August, pg. 12

#### **AMERICAS**

ISM/international sweets and biscuits fair January, pg. 1	8
U.S. confectionery sales/InfoScan,	
third quarter 1994 January, pg. 5	51
U.S. confectionery shipments/NCA—	
October 1994 January, pg. 3	56
U.S. confectionery shipments/NCA—	
December 1994 March, pg. 1	6
U.S. confectionery sales/InfoScan,	
	20
total for 1994 April, pg. 2	.3
U.S. confectionery shipments/NCA—	
January 1995	16
U.S. confectionery shipments/NCA-	
February 1995 May, pg. 1	16
U.S. confectionery sales/InfoScan,	
first quarter 1995 June, pg. 1	11
U.S. confectionery shipments/NCA—	
March 1995 June, pg. 2	27
U.S. confectionery shipments/NCA—	
April 1995 July, pg. 2	26
U.S. confectionery shipments/NCA—	
May 1995 August, pg. 1	13
U.S. second quarter cocoa grind increases August, pg. 1	15
U.S. confectionery sales/InfoScan,	
second quarter 1995 September, pg. 2	23

U.S. confectionery shipments/NCA— June 1995 September, pg. 41
U.S. confectionery shipments/NCA—
July 1995 October, pg. 15
U.S. confectionery shipments/NCA—
August 1995 November, pg. 18
U.S. confectionery shipments/NCA-
September 1995 December, pg. 22

#### **ARGENTINA**

Cadbury presence in Argentina ..... July, pg. 11

#### ASIA

Chocolate industry of Japan		
M. Uchino February,	pg.	43
New era for chocolate industry in Japan March,	pg.	19
Warner-Lambert joint confectionery venture in PRC	pg.	7
Indonesia develops local strain of cocoa beans	pg.	9
China cocoa market potential August,	pg.	12
Japan cocoa bean imports August,	pg.	12

#### ASSOCIATIONS/SHOWS

American Association of Candy Technologists national officers, councilors, sponsors, regional officers, meetings
AWMAAnd all that jazz January, pg. 29
ISM/international sweets and biscuits fair January, pg. 18
Lamme's Candies January, pg. 25
Milk seminar to open PMCA's 49 <sup>th</sup> annual production conference January, pg. 22
Western candy conference January, pg. 87
Aeration seminar a feature of PMCA February, pg. 21
RCI eastern regional institute February, pg. 11
Zahars Chocolates February, pg. 17
Eastern regional institute, April 27–29, 1995, Buffalo, NY March, pg. 45
NCA sweet snacks/chocolate expo and
112 <sup>th</sup> annual convention March, pg. 55
NCA sweet snacks/chocolate expo
exhibitors March, pg. 56

Philadelphia retail candy show March,	pg.	47
PMCA conference preview March,	pg.	57
PMCA 49th annual production conference	. 0	-
program March,	pg.	59
PMCA supplier members' exhibits March,	pg.	63
RCI the secret of your success" membership information guide March,	pg.	43
75 <sup>th</sup> Annual convention & industry expo, June 8–14, 1995, Nashville, TN March,		
J.S. "sweets and stripes" confectionery pavilion  Lawrence T. Graham		
Why the farm bill is important to confectioners Stephen G. Lodge		
A year to listen—a year to act  Ron Sosnick		
PMCA bibliography of technical papers by author and by subject April,		
RCI eastern regional institute, April 27–29, Buffalo, NY		
RCI 75 <sup>th</sup> annual convention and industry expo,	Py.	24
June 8–14, Nashville, TN April,		
RCI expo exhibitors April,	pg.	2
Farm bill—sugar  Lawrence T. Graham	200	21
IFT food expo exhibitors May, Problems with the U.S. peanut program	py.	38
Stephen G. Lodge May,		
RCI member business survey May,	pg.	4:
Study of confectionery performance presents a strong case for the industry  James A. Hanlon	00	2
AWMA 50th national summer convention & candy expo		
CMAC/Canada annual convention June,	pg.	2
CMA visits Brazilian cocoa growing and processing regions	P9.	-
Lawrence T. GrahamJune, Congress needs to hear from you now	pg.	2
Stephen G. Lodge June,	pg.	2
National confectioners association 112 <sup>th</sup> annual convention programJune,		
RCI 75th annual convention and industry expo, June 8–14, 1995, Nashville, TN June		
RCI eastern regional highlights June	pg.	3
Candy expo June		
ZDS practical course in chocolate/confectionery June		
NCA/RCI expo equipment review August	pg.	. 2
RCI candy clinic ideas August	pg	. 4
RCI convention highlights August		
RCI director: Jack Elmer August		
RCI special awards August		
Chocolate is a pleasurable food, CMA/ACRI message September		
		-

NACS/national association of convenience stores show	September no 125
NCA—U.S. confectionery industry expo	
Lawrence T. Graham	. September, pg. 39
NCA annual resident course in	
confectionery technology	
NCA—Confectioners lobby congress du	
Stephen G. Lodge	. September, pg. 71
NCA—Chocolate/confectionery	
technical course	. September, pg.125
Pack expo west '95	. September, pg. 91
RCI reconvened meeting European	
study tour—Italy	. September, pg. 67
WestPack	
FIE/food ingredients Europe 1995	
	October, pg. 25
U.S. confectionery shipments/NCA—	Nevember na 10
August 1995	
January 1996—two important events for	or
the confectionery industry	Manager and 44
Lawrence T. Graham	
What they don't teach you in political s	
Stephen G. Lodge	
NCA hilloween reception	December, pg. 26
Sugar and peanuts survive round one	
Stephen P. Lodge	December, pg. 27
U.S. confectionery shipments/NCA-	
September 1995	December, pg. 22
Halloween-the comeback holiday	
Lawrence T. Graham	December no 25

## **AUSTRALIA**

Australian confectionery industry . . . . . . February, pg. 39

#### BRAZIL

CMA visits Brazilian cocoa growing and processing regions Lawrence T. Graham . . . . . . . . . . June, pg. 25

#### **CHEWING GUM**

(see Gum, Chewing)

#### **CHEWY CANDIES**

Aeration of boiled sweets—vertical pullers versus horizontal pullers
Srini Ranganna May, pg.109
Air injection: the automation of hard candy aeration
Julian Mann
An overview; vacuum aeration
Thomas L. Wolfe May, pg. 97
Marshmallow production: technology and techniques
Reg Groves May, pg. 99
Salt water taffy and nougat production
John Cooke May no 106

#### Chemistry, testing and application of salatrim low calorie fat CHEWY CANDIES (continued) Robert E. Smith, PhD and Milk—the essential ingredient in caramel John W. Finley, PhD . . . . . . . . November, pg. 85 Mel Warnecke, PhD . . . . . . . . . . June, pg. 89 Crystalline maltitol in the manufacture of chocolate Aspartame in soft confections Brian L. Happel . . . . . . . . . . . November, pg. 96 Tammy Nash-Jarrett . . . . . . . . November, pg. 82 Lactitol; its use in chocolate; xvlitol as a sanding medium Polydextrose in soft confections Philip M. Olinger . . . . . . . . . November, pg. 92 Florence M. Kopchik . . . . . . . November, pg. 79 New product review . . . . . . . . . . December, pg. 47 The effect of diseases and pests on New product review ...... December, pg. 47 the future supply and quality of cocoa Johann J. Scheu . . . . . . . . . . December, pg. 39 CHINA Consumer consumption patterns of chocolate and confectionery Warner-Lambert joint confectionery Joan L. Apgar ..... December, pg. 31 venture in PRC . . . . . . . . . . . . March, pg. 7 China cocoa market potential ..... August, pg. 12 COLORS CHOCOLATE AND COCOA Food colors—an international perspective Harry Meggos . . . . . . February, pg. 59 New products and promotions . . . . . . . . . Jan-Dec Color applied to the food industry Confectionery industry trends Fabien Declercq ......June, pg. 51 Frank Cerminara . . . . . . . . . . . January, pg. 43 U.S. confectionery sales/InfoScan. COMPANIES third quarter 1994 . . . . . . January, pg. 51 Chocolate industry of Japan Aarita Worldwide, Inc. . . . . . . . . . January, pg. 19 M. Uchino . . . . . . . . . . . February, pg. 43 Adams & Brooks, Inc. . . . . . . . . January, pg. 19 Permit for Hershev to market white chocolate products extended ..... February, pg. 9 Ahold NV . . . . . . . . . . . . . August, pg. 7 New era for chocolate industry in Japan ... March, pg. 19 Albertson's Inc. . . . . . . . . . . January, pg. 92 UK chocolate market ...... March, pg. 25 Allan Candy Group .................July, pg. 8 The changing patterns of cocoa bean supply and demand American Candy Company . . . . . . . . . July, pg. 10 Johann J. Scheu ..... April, pg. 41 American Chicle Group ..... January, pg. 9 Highlights of chocolate and confectionery September, pg. 14 introductions from ISM 1995 . . . . . . . . . April, pg. 87 The American Mint ..... January, pg. 19 U.S. confectionery shipments— Andes Candies, Inc. . . . . . . . . . January, pg. 19 January 1995 . . . . . . . . . . . . . . . . April, pg. 16 Aramark of Philadelphia ..... February, pg. 10 The application of cocoa powders in chocolate confectionery Archway Cookies . . . . . . . . . November, pg. 10 Hans R. Kattenberg ..... May, pg. 73 Arnotts Ltd. . . . . . . . October, pg. 8 Ghana expanding cocoa product production . . May, pg. 9 Barry S.A. . . . . . . . . . . . March, pg. 9 Indonesia develops local strain of cocoa beans May, pg. 9 Katherine Beecher . . . . . . . . . . . December, pg. 14 Phospholipids influence during crystallization of cocoa butters Craig M. Savage and Paul S. Dimick, PhD . . May, pg.127 Biermann Marzipan . . . . . . . . . . . . . . . . May, pg. 10 Poland may reduce duty on chocolate ..... May, pg. 9 Blommer Chocolate Company ..... March, pg. 7 Chocolate crumb-dairy ingredient for milk chocolate Brach & Brock Confections . . . . . . . . February, pg. 9 Annasiet Siebenga and March, pg. 14 Mirjam Bouwman-Timmermans . . . . . . . June, pg. 74 December, pg. 7 CMA visits Brazilian cocoa growing and processing regions Cacao Barry ...... December, pg. 21 Lawrence T. Graham . . . . . . . . . . . June, pg. 25 Cadbury Schweppes ...... April, pg. 10 It ain't over until...post cooling tunnel changes April, pg. 11 Edward S. Seguine . . . . . . . . . . June, pg. 54 June, pg. 7 China cocoa market potential ..... August, pg. 12 July, pg. July, pg. 11 German cocoa grind for second August, pg. 8 quarter decreases ..... August, pg. 12 October, pg. 8 Ivory Coast cocoa processing . . . . . . . . August, pg. 12 Callebaut Asia Pacific . . . . . . . . . November, pg. 10 Japan cocoa bean imports ..... August, pg. 12 Campbell Soup Co./Pepperidge Farm . . . . . . July, pg. 11 U.S. second quarter cocoa grind increases . . August, pg. 15 CAP Toys Inc. . . . . . . . . . January, pg. 19 Cocoa report . . . . . . . . . . . . September, pg. 73 Cargill, Incorporated . . . . . . . . . . . March, pg. 7 Use of non-cocoa vegetable fats in chocolate Ceska General Food . . . . . . . . . . August, pg. 7 Henri Jason . . . . . . . . . . . September, pg. 77 Jack Chia MPH Ltd. . . . . . . . . . . December, pg. 9

Netherlands cocoa industry . . . . . . . October, pg. 21

C	thina Trust Trading Co December, pg.	9
	hococam March, pg.	
	hocodi December, pg.	
	hocolate House Inc January, pg.	
C	thupa Chups October, pg.	12
	Fircle K September, pg.	
D	L. Clark Candy Co	14 10
C	Slark Bar America, Inc September, pg.	14
C	okoladovny Praha a.s January, pg.	9
C	comet Confectionery June, pg.	7
C	conagra Inc July, pg.	11
D	ae Julie, Inc January, pg. July, pg.	11
	October, pg.	
_	December, pg.	
	David & Sons December, pg.	
	Dayhoff Inc January, pg.	
	Dietsch Brothers	
	Pollar Sweets Ltd December, pg.	
	Outch Mill Baking Company October, pg.	
	agle Food Centers Inc January, pg.	
	D & F Man Ltd December, pg.	
	ddyleon Chocolate Co., Inc January, pg.	
	lite Industries Ltd December, pg.	
	excella SA December, pg.	
	farley Candy Company September, pg.	
	errara Pan Candy Company January, pg. April, pg. errero July, pg.	14
	Fisher Nut December, pg.	
	Geldof Chocolatier June, pg.	
	General Nutrition Centers Cos January, pg.	
	Ezaki Glico	
	Godiva Chocolatier, Inc December, pg. Herman Goelitz Candy Co., Inc January, pg.	
r	October, pg.	10
	November, pg.	
(	Goldenberg Candy Company January, pg.	
	GoLightly Candy Company July, pg.	
	Grand Union Holdings Corp January, pg.	
	Great Atlantic & Pacific Tea Co November, pg	
	Gummi Bear Factory July, pg	
	Helios Foods October, pg	
	Hershey Chocolate U.S.A March, pg	
	September, pg	. 20
ł	Hershey Foods Corporation February, pg	. 9
	March, pg April, pg	. 8
	August, pg September, pg	
	September, pg October, pg	
	December, pg	. 16
	Hudson Foods Inc January, pg	

Huhtamäki Oy	July,	pg.	8
	November,		
International Dairy Queen Inc			
Interstate Bakeries Corp	November,	pg.	31
JaCiva's Chocolatier and Bakery	August,	pg.	43
Just Born, Inc			
			14
Kalev			8
Keebler	July,	pg.	7
	December,		
Kilwin's Chocolate Shoppe			
Kmart Corp			
Knott's Berry Farm Foods			
Kraft Jacobs Suchard			
	October,	pg.	7
	December,	pg.	7
Kraft Foods International			
La Azteca			
Lamme's Candies			
************************			
Leaf Group			
Leaf North America	. January,	pg.	10
	March,		
	April, June,		
	July,		
	October,	pg.	12
Lincoln Snacks Company	April.	pg.	14
,	July,		
	October,	pg.	10
	December,	pg.	12
Lindt & Sprüngli (USA) Inc.			
	May,		
Thomas I Linton Co	June,		
Thomas J. Lipton Co	_	-	
Lukas Confections, Inc.			
MC—The Manufacturing Confectioner			
Marks & Spencer	. January,	pg.	10
	December,	pg.	8
Mars Incorporated	December.		
Marvel Entertainment Group			
Mauna Loa Macadamia Nut Corp			
Mayfair Super Markets Inc.			
Meiji Seika Kaisha Ltd	October	pg.	10
Merkur Holding AG			
Merkur Holding AG			
		-	
Multiflex Co., Inc.			
Nabisco Biscuit Company			
Nabisco Holdings Corp			
Nabisco, Inc.			
	May, July,	pg.	10
	December,	pg.	12
Nacional de Chocolates SA	October	pg.	10
The second of th	December,	pa.	10
National Convenience Stores			
		F 3	-

Natural Nectar Corporation January, pg. 19 William Neilson Ltd December, pg. 9 Nestlé January, pg. 10 March, pg. 10 June, pg. 10 June, pg. 7, 2 Nestlé SA February, pg. 10 New England Confectionery Co April, pg. 11 Omanhene Cocoa Bean Company May, pg. 11
Nestlé January, pg. 10 March, pg. 14 June, pg. 15 June, pg. 7, 2  Nestlé SA February, pg. 16 New England Confectionery Co. April, pg. 19 Omanhene Cocoa Bean Company May, pg. 19
March, pg. 14 June, pg. 7 June, pg. 7 December, pg. 7, 2  Nestlé SA
June, pg. 1 December, pg. 7, 2 Nestlé SA
December, pg. 7, 2  Nestlé SA February, pg. 1  February, pg. 1  New England Confectionery Co. April, pg. 1  Omanhene Cocoa Bean Company May, pg. 1
February, pg. 10 New England Confectionery Co April, pg. 10 Omanhene Cocoa Bean Company May, pg. 10
February, pg. 10 New England Confectionery Co April, pg. 10 Omanhene Cocoa Bean Company May, pg. 10
New England Confectionery Co April, pg. 19 Omanhene Cocoa Bean Company May, pg. 9
Omanhene Cocoa Bean Company May, pg.
OZF Jamin December, pg. 10
R.M. Palmer Company January, pg. 19
December, pg. 1
Paramount Farms August, pg.
Pennsylvania Dutch Candies April, pg. 1-
December, pg. 1
Pepsico Frito Lay July, pg. 1
December, pg.
Procter & Gamble Co December, pg. 7, 1
Promodes SA December, pg.
Perry Drug Stores February, pg. 1
PEZ Candy. Inc October, pg. 1
Pfizer Lite Confections January, pg. 1
Philadelphia Chewing Gum Corp January, pg. 1
Planters July, pg. 1
December, pg. 1
Players Group Ltd December, pg.
Purity SupremeJune, pg.
Quaker Oats October, pg.
Ragold Inc July, pg. 1
Red October (AO Moskovskaya Konditerskaya
Fabrika Krasny Oktyabr) August, pg. 1
Revco Drug Stores July, pg. 1
Rite Aid Corporation February, pg. 1
Rocky Mountain Chocolate Factory March, pg.
August, pg. 1
Royal Beech-Nut Ltd November, pg.
Rykoff Sexton Inc January, pg. 4
Sabritas December, pg.
SACO December, pg. 2
Sam's Wholesale Club January, pg. 1
John B. Sanfilippo & Sons, Inc March, pg.
November, pg.
December, pg. 1
S.B. Global Trading Company January, pg. 1
Schultz Sav-O-Stores Inc January, pg. 4
Karl Schweigl AG July, pg. 1
See's Candies May, pg. 1
Shopko Stores Inc November, pg. 3
SkyBox International May, pg. 1
Spangler Candy Company January, pg. 1
February, pg.
July, pg. 1
Harry M. Stevens February, pg. 1

ZDS	
Winn-Dixie Stores, Inc	
	December, pg. 10
	September, pg. 11
Wm. Wrigley Jr. Company	April, pg. 15
Wholesome & Hearty Foods Inc	
Whole Foods Market Inc	
George Westin Ltd. Group	
Weis Markets	
Wedel	
	September, pg. 10
	June, pg. 7
	March, pg. 7
Warner-Lambert Od	January, pg. 14
Warner-Lambert Co	
Wal-Mart Stores Inc.	
Walgreen Co	
Village Super Market Inc	November og 21
van Houten Group	July, pg. 14
Van Houten Group	October, pg. 12
United Biscuits/Keebler	
United Biscuits Holding plc	
Ukraina Chocolate Factory	
Topps Company, Inc., The	
	December, pg. 18
	September, pg. 9
Total Tien maderies, mer Tierri	May, pg. 10
Tootsie Roll Industries, Inc	
Tick Tock Drugs	July pg. 10
The Thompson Candy Company	
Tasty Baking Co	October, pg. 7
SuperValu, Inc.	
Sunshine-Jr. Stores Inc	
	December, pg. 21
Sunmark Inc	
Sunmark Inc	September, pg. 14
Sunline Brands, div. of Sunmark Inc	July, pg. 11
Stutz Candy	. November, pg. 41
Russell Stover Candies	June, pg. 7
Storck Group	
Stop and Shop Cos	October, pg. 10

# **COMPUTERIZATION**

Chocolate	temper	r	ne	e	a	S	u	re	91	T	ie	er	nt								
Phillip G.	Allen						,												Мау,	pg.	91

# **COOKING AND HEAT TRANSFER**

Hard candy: cook	ing			
David W. Hess		 (	October, pg.	37

#### DISTRIBUTION

The redefining of distribution  Michael W. Wright	March, pg. 33
A year to listen—a year to act	
Ron Sosnick	April, pg. 21

# **EQUIPMENT**

Ingredients, equipment and supplies Jan-De
Patents and trademarks Jan-De
Interpack '96 exhibit categories April, pg.10
Air injection: the automation of hard candy aeration
Julian Mann
An overview; vacuum aeration
Thomas L. Wolfe May, pg. 9
Chocolate temper measurement
Phillip G. Allen May, pg. 9
Directory of equipment July, pg.11
NCA/RCI expo equipment review August, pg. 2
Hard candy: cooking
W. David Hess October, pg. 3
Hard candy: depositing-solid and centerfilled
Nick Walker October, pg. 4

#### **EUROPE**

Confectionery consumption in Poland January,	pg.	15
German chewing gum market for 1994 March,	pg.	23
UK chocolate market March,		
UK sweets market April,	pg.	59
Poland may reduce duty on chocolate May,	pg.	9
Finnish confectionery products July,		
German cocoa grind for second		
quarter decreases August,	pg.	12
German food market: chain store sales September,	pg.	36
German sweet goods market		
Karsten Keunecke, PhD September,	pg.	31
Netherlands cocoa industry October,	pg.	21

#### **FATS AND OILS**

Craig M. Savage and Paul S. Dimick, PhD May,		
It ain't over untilpost cooling tunnel changes  Edward S. Seguine	pg.	54
Use of non-cocoa vegetable fats in chocolate Henri Jason September,	pg.	7

#### **FINLAND**

Finnish	confectionery	products	July na	12

#### **FLAVORS**

Chocolate crumb—dairy ingredient for milk chocolate Annasiet Siebenga and
Mirjam Bouwman-Timmermans June, pg. 74
Dried dairy ingredients for confectionery
Steven J. Haylock June, pg. 68
Milk—the essential ingredient in caramel
Mel Warnecke, PhD June, pg. 8
Specialty milks and milk derived flavors in confections
Peter R. Freund, PhD June, pg. 8
Modified dairy ingredients
Thomas F. Diehl June, pg. 8

#### **GERMANY**

	German chewing gum market for 1994	March,	pg.	23
l	German cocoa grind for second			
	quarter decreases	August,	pg.	12
l	German food market: chain store sales	September,	pg.	36
	German sweet goods market			
	Karsten Keunecke, PhD	September,	pg.	31

#### GOVERNMENT REGULATION

(see Regulations/Legislation)

### **GUM, CHEWING**

New products and promotions Jan-Dec
U.S. confectionery sales/InfoScan, third quarter 1994 January, pg. 5
German chewing gum market for 1994 March, pg. 23
U.S. confectionery shipments/NCA—
January 1995 April, pg. 16
New product review December, pg. 47

#### **GUMS AND JELLIES**

(see: Starch Candies)

# HARD CANDY

New products and promotions Jan-Dec
U.S. confectionery sales/InfoScan, third quarter 1994 January, pg. 51
Highlights of chocolate and confectionery introductions from ISM 1995 April, pg. 87
Aeration of boiled sweets—vertical pullers versus horizontal pullers
Srini Ranganna May, pg.109
Aeration of boiled sweets: a review of available methods
Logan L. Jones October, pg. 47
Filled hard candy
Fred Hintlian October, pg. 61

Directory of ingredients July, pg. 47
It's been a nutty year for the farm bill  Stephen G. Lodge
Chocolate is a pleasurable food, CMA/ACRI message September, pg. 87
Use of non-cocoa vegetable fats in chocolate  Henri Jason
FIE/food ingredients Europe 1995 October, pg. 25
Acesulfame K: applications in hard candy production  Lisa Hanger, PhD; Zari Nakhost;  Prof. G.W. von Ryman Lipinski November, pg. 75
Aspartame in soft confections Tammy Nash-Jarrett November, pg. 82
Chemistry, testing and application of salatrim low calorie fat
Robert E. Smith, PhD and John W. Finley, PhD November, pg. 85
Crystalline maltitol in the manufacture of chocolate
Brian L. Happel
William Raleigh November, pg. 57
Isomalt in hard candy applications  Bodo Fritzsching
Lactitol, bulk sweetener for sugar free and reduced calories hard candy
Paul Mesters November, pg. 6
Lactitol; its use in chocolate; xylitol as a sanding medium Philip M. Olinger November, pg. 93
Nutritional labeling and associated statements
when using sugar free materials  Lyn O'Brien Nabors November, pg. 5
Polydextrose in soft confections
Florence M. Kopchik November, pg. 7
INTERNATIONAL
Confectionery Consumption in Poland January, pg. 1
ISM/international sweets and biscuits fair January, pg. 1
Australian confectionery industry February, pg. 3 Chocolate industry of Japan
Chocolate industry of Japan  M. Uchino
Harry Meggos February, pg. 5
New era for chocolate industry in Japan March, pg. 1 UK chocolate market March, pg. 2
U.S. "sweets and stripes" contectionery pavillon
warner-Lambert joint confectionery
The changing patterns of cocoa bean supply and demand
Johann J. Scheu
Johann J. Scheu April, pg. 4 Highlights of chocolate and confectionery
Johann J. Scheu
Johann J. Scheu

Lamme's Candies January, pg. 25 U.S. confectionery shipments—
October 1994 January, pg. 36
Confectionery Industry Trends
Frank Cerminara January, pg. 43
U.S. confectionery sales/InfoScan,
third quarter 1994 January, pg. 51
Australian confectionery industry February, pg. 39
Chocolate industry of Japan
M. Uchino February, pg. 43 Permit for Hershey to market white
chocolate products extended February, pg. 9
Zahars Chocolates February, pg. 17
German chewing gum market for 1994 March, pg. 23
New era for chocolate industry in Japan March, pg. 19
The redefining of distribution
Michael W. Wright March, pg. 33
Driving growth in the vending industry
A.J. Pingitore April, pg. 37
Highlights of chocolate and confectionery
introductions from ISM 1995 April, pg. 87
International industry news from ISM April, pg. 71
Top ten cookie brands April, pg. 15
U.S. confectionery pavilion present for the first time at the 25 <sup>th</sup> ISM
U.S. confectionery sales/InfoScan,
total for 1994 April, pg. 29
RCI member business survey May, pg. 45
Study of confectionery performance presents
a strong case for the industry
James A. Hanlon May, pg. 21
Candy clinic ideas June, pg. 38
Consumer testing of confectionery products with children
Dian Dorian June, pg. 59
U.S. confectionery sales/Infoscan, first quarter 1995 June, pg. 11
U.S. confectionery shipments/NCA—
April 1995 July, pg. 28
Candy clinic ideas August, pg. 41
Lamme's Candies celebrates 110 <sup>th</sup> birthday
with an open house/factory tour August, pg. 9
U.S. confectionery shipments/NCA—
May 1995 August, pg. 13
U.S. confectionery sales/InfoScan,
second quarter September, pg. 23 Chocolate is a pleasurable food,
CMA/ACRI message September, pg. 87
Cocoa report September, pg. 73
Fancy food & confection show
product highlights September, pg.115
German food market: chain store sales September, pg. 36
German sweet goods market
Karsten Keunecke, PhD September, pg. 31
NACS/national association of
NACS/national association of convenience stores show September, pg.125 NCA—U.S. confectionery industry export program

#### MARKETING/PROMOTION (continued) PROCESSING/PRODUCTION/ U.S. confectionery shipments/NCA-TECHNOLOGY August 1995 . . . . . . . . . November, pg. 18 Jelly Belly day in Britain ..... November, pg. 10 Patents and trademarks . . . . . . . . . . . . . Jan-Dec UK medicated confectionery . . . . . . November, pg. 7 The operation and functionality of dryrooms Vending industry update ..........November, pg. 25 Gerald K. Kalua, Jr. . . . . . . . . . January, pg. 74 New product review . . . . . . . . . December, pg. 47 Aeration seminar a feature of PMCA . . . . February, pg. 21 U.S. confectionery shipments/NCA-Crystallization and drying during hard panning September 1995 . . . . . . . . . December, pg. 22 Richard W. Hartel, PhD. . . . . . . . February, pg. 51 NCA hilloween reception . . . . . . . . December, pg. 26 Food colors—an international perspective Consumer consumption patterns of Harry Meggos . . . . . . . . . . February, pg. 59 chocolate and confectionery Aeration of boiled sweets-vertical pullers Joan L. Apgar . . . . . . . . . . . December, pg. 31 versus horizontal pullers Air injection: the automation of hard candy aeration MILK AND DAIRY An overview; vacuum aeration Chocolate crumb-dairy ingredient for milk chocolate Thomas L. Wolfe . . . . . . . . . . . . . . . . May, pg. 97 Annasiet Siebenga and The application of cocoa powders in Mirjam Bouwman-Timmermans . . . . . . . June, pg. 74 chocolate confectionery Dried dairy ingredients for confectionery Hans R. Kattenberg ..... May, pg. 73 Steven J. Haylock . . . . . . . . . . June, pg. 65 Chocolate temper measurement Milk—the essential ingredient in caramel Phillip G. Allen ..... May, pg. 91 Mel Warnecke, PhD . . . . . . . . . June, pg. 89 Managing plant utilities to get our two cents worth Modified dairy ingredients Thomas F. Diehl . . . . . . . . . . June, pg. 84 Marshmallow production: technology and techniques Specialty milks and milk derived flavors in confections Reg Groves . . . . . . . . . . . . . . . . . . May, pg. 99 Peter R. Freund. PhD . . . . . . . . . June. pg. 80 Salt water taffy and nougat production **NETHERLANDS** It ain't over until...post cooling tunnel changes Edward S. Seguine . . . . . . . . . . June, pg. 54 Netherlands cocoa industry . . . . . . . October, pg. 21 Use of non-cocoa vegetable fats in chocolate Henri Jason . . . . . . . . . . September, pg. 77 Aeration of boiled sweets: a review of available methods NUTS Logan L. Jones . . . . . . . . . . October, pg. 47 Filled hard candy Problems with U.S. peanut program Fred Hintlian . . . . . . . . . October, pg. 61 Stephen G. Lodge . . . . . . . . . . . . . . . May, pg. 24 Hard candy: conditioning for manufacturing It's been a nutty year for the farm bill and warehousing Stephen G. Lodge . . . . . . . . . . . . . . . . August, pg. 16 Walter E. (Gene) Sharp . . . . . . . . October, pg. 67 New product review . . . . . . . . . . December, pg. 47 Hard candy: cooking W. David Hess ..... October, pg. 37 PACKAGING Hard candy: cut rock and letter rock James McGovern ..... October, pg. 57 Hard candy: depositing-solid and centerfilled Directory of packaging .......................July, pg.333 Nick Walker . . . . . . . . . . . October, pg. 42 Pack expo west '95 . . . . . . . . . September, pg. 91 Hard candy: formulations, variations and effects WestPack . . . . . . . . . . . September, pg. 94 Leland J. Anderson . . . . . . . . . October, pg. 33 Hard candy: striping methods PANNING Mel Warnecke, PhD . . . . . . . . . October, pg. 53 Acesulfame K: applications in hard candy production Lisa Hanger, PhD: Zari Nakhost: Crystallization and drying during hard panning Richard W. Hartel, PhD. . . . . . . . . February, pg. 51 Prof. G.W. von Ryman Lipinski . . . . . November, pg. 75 Aspartame in soft confections Tammy Nash-Jarrett . . . . . . . . . November, pg. 82 POLAND Chemistry, testing and application of salatrim low calorie fat

Confectionery consumption in Poland . . . . January, pg. 15

Robert E. Smith, PhD and

#### PROCESSING/PRODUCTION/ TECHNOLOGY (continued)

John W. Finley, PhD	November, pg. 85
Crystalline maltitol in the manufacture of	
Brian L. Happel	November, pg. 96
HSH as a bulking agent in confections	
William Raleigh	November, pg. 57
somalt in hard candy applications	
Bodo Fritzsching	November, pg. 65
Lactitol, bulk sweetener for sugar free a reduced calories hard candy	
Paul Mesters	November, pg. 61
Lactitol; its use in chocolate; xylitol as a	a sanding medium
Philip M. Olinger	November, pg. 92
Nutritional labeling and associated state when using sugar free materials	ements
Lyn O'Brien Nabors	November, pg. 51
Polydextrose in soft confections	
Florence M. Kopchik	Mariambar na 70

#### **PROMOTION**

(see Marketing/Promotion)

# QUALITY ASSURANCE/CONTROL

Common sense pest control Peter B. Belanger August, pg. 49
Is ISO 9000 for you?
John Boortz August, pg. 46 Hard candy: conditioning for manufacturing
and warehousing Walter E. (Gene) Sharp October, pg. 67

#### REGULATIONS/LEGISLATION

What they don't teach you in pol	litical science class
Stephen G. Lodge	November, pg. 16
NCA hilloween reception	December, pg. 26

#### RESEARCH

Phospholipids influence during crystallization of cocc	a butters
Craig M. Savage and Paul S. Dimick, PhD Ma	y, pg.127
PMCA research report	
John Urbanski Augu	st. pg. 44

#### RETAILING

Lamme's Candies January, p	g.	25
Zahars Chocolates February, p	g.	17
Lamme's Candies celebrates 110 <sup>th</sup> birthday with an open house/factory tour August, p	g.	9
RCI reconvened meeting European study tour—Italy	a.	67

#### RUSSIA

Russia/Mars investment			×	*	*	. ,	. ,	. ,	6 1	 ,	April,	pg.	14
Cadbury invests in Russia	1			 							July.	pg.	11

#### **SANITATION**

Common sense pest control Peter B. Belanger	19
The effect of diseases and pests on	
the future supply and quality of cocoa	39

#### **SHOWS**

(see: Associations and Shows)

#### **SOUTH AMERICA**

CMA visits	Brazilian	cocoa	growing	and	processing regions
Lawrence	T. Graha	m			June, pg. 25

#### STARCH CANDIES

New products and promotions Ja	in-D	)ec
The operation and functionality of dryrooms Gerald K. Kalua, Jr January,	pg.	74
U.S. confectionery sales/InfoScan, third quarter 1994 January,	pg.	51
Highlights of chocolate and confectionery introductions from ISM 1995 April,	pg.	87
Marshmallow production: technology and techniques		00

#### U.S. confectionery sales/InfoScan, STARCH CANDIES (continued) third quarter ...... . . . . September, pg. 23 New approaches to gelling agents in confectionery U.S. confectionery shipments/NCA-June 1995 . . . . . . . . . . . . September, pg. 41 Salt water taffy and nougat production Netherlands cocoa industry ..... October, pg. 21 John Cooke . . . . . . . . . . . . . . . . . . May, pg.106 U.S. confectionery shipments/NCA-New product review . . . . . . . . . December, pg. 47 July 1995 . . . . . . . . . . October, pg. 15 U.S. confectionery shipments/NCA-August 1995 . . . . . . . . . November, pg. 18 STATISTICS U.S. confectionery shipments/NCA-September 1995 . . . . . . . . . December, pg. 22 Confectionery consumption in Poland . . . . January, pg. 15 Consumer consumption patterns of Confectionery industry trends chocolate and confectionery Frank Cerminara . . . . . . . . . . . January, pg. 43 Joan L. Apgar ..... December, pg. 31 U.S. confectionery sales/InfoScan, third quarter 1994 . . . . . . . . January, pg. 51 **SWEETENERS** U.S. confectionery shipments/NCA-October 1994 . . . . . . . . . . January, pg. 36 Crystallization and drying during hard panning Australian confectionery industry . . . . . . February, pg. 39 Richard W. Hartel, PhD. . . . . . . . February, pg. 51 Chocolate industry of Japan Farm bill-sugar M. Uchino . . . . . . February, pg. 43 Lawrence T. Graham . . . . . . . . . . . . . . May, pg. 22 German chewing gum market for 1994 . . . . March, pg. 23 Acesulfame K: applications in hard candy production New era for chocolate industry in Japan . . . March, pg. 19 Lisa Hanger, PhD; Zari Nakhost;0 UK chocolate market . . . . . . . . . . . . March, pg. 25 Prof. G.W. von Ryman Lipinski . . . . . November, pg. 75 U.S. confectionery shipments/NCA-Aspartame in soft confections December 1994 . . . . . . . . . . . . . . . March, pg. 16 Tammy Nash-Jarrett . . . . . . . . . November, pg. 82 Chemistry, testing and application of The changing patterns of cocoa bean supply and demand salatrim low calorie fat Johann J. Scheu ..... April, pg. 41 Robert E. Smith. PhD and John W. Finley, PhD . . . . . . . . November, pg. 85 U.S. confectionery sales/InfoScan, Crystalline maltitol in the manufacture of chocolate total for 1994 . . . . . . . . . . . . . . . April, pg. 29 Brian L. Happel . . . . . . . . . . November, pg. 96 U.S. confectionery shipments/NCA-HSH as a bulking agent in confections January 1995 . . . . . . . . . . . . . . . . . April, pg. 16 William Raleigh . . . . . . . . . November, pg. 57 RCI member business survey ..... May, pg. 45 Isomalt in hard candy applications U.S. confectionery shipments/NCA-Bodo Fritzsching . . . . . . . . . November, pg. 65 February 1995 . . . . . . . . . . . . . . . . . May, pg. 16 Lactitol, bulk sweetener for sugar free and Consumer testing of confectionery products with children reduced calories hard candy Dian Dorian . . . . . . . . . . . June, pg. 59 Paul Mesters . . . . . . . . . . . November, pg. 61 U.S. confectionery sales/InfoScan, Lactitol; its use in chocolate; xylitol as a sanding medium first quarter 1995 . . . . . . June, pg. 11 Philip M. Olinger . . . . . . . . . November, pg. 92 U.S. confectionery shipments/NCA-Nutritional labeling and associated statements March 1995 . . . . . . . . . . . . June, pg. 27 when using sugar free materials Finnish confectionery products . . . . . . . . July, pg. 12 Lyn O'Brien Nabors . . . . . . . . November, pg. 51 Polydextrose in soft confections U.S. confectionery shipments/NCA-Florence M. Kopchik . . . . . . . . November, pg. 79 April 1995 . . . . . July, pg. 26 China cocoa market potential . . . . . . . . August, pg. 12 Ivory Coast cocoa processing ..... August, pg. 12 UNITED KINGDOM German cocoa grind for second quarter decreases ...... August, pg. 12 UK chocolate market . . . . . . . . . . . March, pg. 25 Japan cocoa bean imports ..... August, pg. 12 UK sweets market ..... April, pg. 59 U.S. confectionery shipments/NCA-U.S. second quarter cocoa grind increases . . August, pg. 15 **VENDING** Cocoa report ..... September, pg. 73 Driving growth in the vending industry German food market: chain store sales September, pg. 36 A.J. Pingitore . . . . . . . . . . . . . . . . . April, pg. 37 German sweet goods market Vending industry update ..........November, pg. 25 Karsten Keunecke, PhD . . . . . . . . September, pg. 31



# 1995 Author Index

The following is an index of authors and their articles which appeared in *The Manufacturing Confectioner* during 1995.

A	Fox, Charlie Managing plant utilities to get our
Allen, Phillip G. Chocolate temper measurement	two cents worth
Anderson, Leland J. Hard candy: formulations, variations and effects October, pg. 33	Specialty milks and milk derived flavors in confections June, pg. 80
Apgar, Joan L. Consumer consumption patterns of	Isomalt in hard candy applications November, pg. 65
chocolate and confectionery December, pg. 31	Graham, Larry
В	NCA president's report
Belanger, Peter, B.  Common sense pest control August, pg. 49	Groves, Reg Marshmallow production: technology and techniques
Boortz, John Is ISO 9000 for you? August, pg. 46	
	Н
C	Hanger, Lisa, PhD
Cerminara, Frank Confectionery industry trends January, pg. 43	Acesulfame K: applications in hard candy production November, pg. 75
Cooke, John Salt water taffy and nougat production May, pg. 106	Hanlon, James A.  Study of confectionery performance presents a strong case for the industry May, pg. 21
D	Happel, Brian L.
Declercq, Fabien Color applied to the food industry June, pg. 51	Crystalline maltitol in the manufacture of chocolate November, pg. 96
Diehl, Thomas F.  Modified dairy ingredients June, pg. 84	Hartel, Richard W., PhD Crystallization and drying during hard panning February, pg. 51
Dimick, Paul S., PhD Phospholipids influence during crystallization of cocoa butters May, pg. 127	Haylock, Steven J.  Dried dairy ingredients for confectionery June, pg. 65
Dorian, Dian Consumer testing of confectionery	Hess, David W. Hard candy: cooking October, pg. 37
products with children	Hintlian, Fred Filled hard candy October, pg. 61
F	J
Finley, John W., PhD Chemistry, testing and application of salatrim low calorie fat November, pg. 85	Jarrett, Tammy Nash

Jason, Henri The use of non-cocoa vegetable fats	R
in chocolate	Raleigh, William HSH as a bulking agent in confections November, pg. 57 Ranganna, Srini Aeration of boiled sweets—vertical pullers versus horizontal pullers May, pg. 109
Kalua, Gerald K., Jr.	S
The operation and functionality of dryrooms	Savage, Craig M. Phospholipids influence during crystallization of cocoa butters
Keunecke, Karsten, PhD German sweet goods market September, pg. 31 Kopchik, Florence M., Polydextrose in soft confections November, pg. 79	Scheu, Johann J.  The changing patterns of cocoa bean supply and demand April, pg. 41.  The effect of diseases and pests on the future supply and quality of cocoa December, pg. 39.
L	Seguine, Edward S. It ain't over untilpost cooling tunnel changes June, pg. 54
Lodge, Stephen G. NCA legislative report	Seligson, Frances H., PhD, R.D. Consumer consumption patterns of chocolate and confectionery December, pg. 31
Mann, Julian Air injection: the automation of hard candy aeration	Sharp, Walter E. (Gene) Hard candy: conditioning for manufacturing and warehousing October, pg. 67  Siebenga, Annasiet Chocctate crumb—dairy ingredient for milk chocolate June, pg. 74  Smith, Robert E., PhD Chemistry, testing and application of salatrim low calorie fat November, pg. 85  U  Uchino, M. Chocolate industry of Japan February, pg. 43  Urbanski, John J. PMCA Research Report August, pg. 44  V  von Ryman Lipinski, G.W., Prof.
Nash-Jarrett, Tammy Aspartame in soft confections November, pg. 82	Acesulfame K: applications in hard candy production November, pg. 75
0	w
Olinger, Philip M. Lactitol; its use in chocolate; xylitol as a sanding medium November, pg. 92	Walker, Nick Hard candy: depositing—solid and centerfilled October, pg. 42  Warnecke, Mel, PhD
Pingitore, A.J.	Milk—the essential ingredient in caramel June, pg. 89 Hard candy: striping methods October, pg. 53
Pringitore, A.J.  Driving growth in the vending industry April, pg. 37  Poppe, Jan  New approaches to gelling agents in confectionery	Wolfe, Thomas L.  An overview: vacuum aeration May, pg. 97  Wright, Michael W.  The redefining of distribution March, pg. 33

